

Title (en)

Catalyst for purifying exhaust gas emitted from diesel engine

Title (de)

Katalysator zur Reinigung von Dieselmotorabgas

Title (fr)

Catalysateur pour la purification de gaz d'échappement d'un moteur diesel

Publication

EP 0842692 B1 20020213 (EN)

Application

EP 97120304 A 19971119

Priority

JP 30828696 A 19961119

Abstract (en)

[origin: EP0842692A1] A catalyst for purifying an exhaust gas emitted from a diesel engine includes a support, and palladium loaded on the support. The support includes SiO₂ and Al₂O₃ in a mixing ratio of from 98 : 2 to 72 : 28 by weight. The palladium is loaded on the support in an amount of from 0.01 to 0.55 grams with respect to 1 liter of the support. The catalyst can oxidize SO₂, included in the exhaust gas, in a higher temperature range than conventional catalysts can. As a result, the catalyst can furthermore effectively inhibit sulfates, resulting from SO₂, from generating.

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IPC 8 full level

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CPC (source: EP)

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